

Patent claims

1. Method for accessing network-internal functions of telecommunication networks (N1, N2), from an external site (Se), with access taking place via a secure service interface device (S2) of a network (N2) (access network) on the basis of a service level agreement valid for said service interface in favor of the external site (Se), characterized in that it is verified on the part of the interface device (S2) on the basis of a request sent to it from the external site (Se) relating to a network-internal function, whether the request involves the use of a function of another network (N1) (target network) and if so, a second request (5) relating to the functions of said network is exchanged between the interface devices (S1, S2) on the basis of a service level agreement (4) (transitive agreement) concluded between the interface device (S2) and a secure service interface device (S1) of the target network (N1).
2. Method according to Claim 1, characterized in that access takes place in the context of a service, which is executed by the external site (Se) for a user (Mo), the home network of which is the target network (N1).
3. Method according to Claim 1 or 2, characterized in that the transitive agreement is generated as a service level agreement in favor of the external site (Se), in so far as a roaming agreement exists between the networks (N1, N2)

set up as mobile radio networks and a service level agreement exists on the part of the access network (N2) in favor of the external site (Se).

4. Method according to Claim 1, 2 or 3, characterized in that the external site (Se) is a server for external services, which are executed in the area of the access network (N1) or a visited network (N3) accessible via the access network using network-internal services for users (Mo) that are connected or logged in.

5. Method according to one of Claims 1 to 4, characterized in that messages exchanged further to the second request (5) between the external site (Se) and the target network (N1) are transmitted via the interface devices (S1, S2), with the interface device (S1) of the access network forwarding messages exchanged between the external site (Se) and the interface device (S2) of the target network in a transparent manner.

6. Method according to one of Claims 1 to 5, characterized in that messages exchanged further to the second request (5) between the external site (Se) and network centers (H1) of the target network are transmitted via the interface device (S1) of the access network, with the interface device (S1) forwarding the messages as a transparent proxy server.

7. Network device (S2) of a telecommunication network (N2), which is set up as a secure service interface device (S2) to execute the method according to Claim 1.